

# Work Order ID 64696

Tuesday, December 14, 2010 1:10:10 PM

Page 1

Item ID: D135-692-011

Accept

Setup Start

Revision ID:

Stop

Item Name: Bearpaw

Start Date: 12/14/2010 Start Qty: 4.00

Cust Item ID:

Required Date: 12/22/2010 Req'd Qty: 4.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3049

Rev A1

100

0.00

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D135-692-011 CHG002

150

0.00

Pick Kit

Packaging

Memo

0.00

Packaging

160

0.00

QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Item ID: D135-692-011

Accept

Setup Start

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Stop

Item Name: Bearpaw

Start Date: 12/14/2010 Start Qty: 4.00

Cust Item ID:

Required Date: 12/22/2010 Req'd Qty: 4.00

Customer:



Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170 	Packaging	0.00				11/1/7	5/	(42)	
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D135-692-011 Location: <u>11A</u> PPP Rev: <u>C</u>								
180 	QC21- Final Inspection - Work Order Release	0.00				OK	11/01/07		
QC	Memo	0.00							
Quality Control									

11-01-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 64696

Parent Item: D135-692-011

Parent Item Name: Bearpaw



Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev: C 04.02.17 Blank size changed, Tolerance added Step 3 KJ/JLM  
IPP Rev: D 08-04-16 Added Step 2 JLM Verified By: EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-15A Bolt		Purchased	No			160	Each	203.0000	8	32			
-----------------	--	-----------	----	--	--	-----	------	----------	---	----	--	--	--

Location	Loc Qty	Loc Code
ST358	203	
114784	9	
115108	5	
115371	5	
115936	184	

AN960JD416 Washer	NAS1149D0463J	Purchased	No			160	Each	30.0000	8	32			
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Location	Loc Qty	Loc Code
ST300	24	
113288	24	
ST356	6	
115622	6	

D2182B Rubber Cushion		Manufactured	No			160	f	238.9960	2	8			
--------------------------	--	--------------	----	--	--	-----	---	----------	---	---	--	--	--

Location	Loc Qty	Loc Code
ST410	238.996	
63413	238.996	

(D2182B060) Cut 4 at 6.00"

measured  
8.6/10.5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

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Work Order ID: 64696

Parent Item: D135-692-011

Parent Item Name: Bearpaw



Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 4.00

Required Qty: 4.00

D2274 Manufactured No 160 Each 25.0000 8 32



Radius Block



B64420 11/1/10 SP

Location Loc Qty Loc Code

ST010 25

61361 1

63990 24

D2519 Manufactured No 160 Each 54.0000 4 16



Clamp



B64420 11/1/10 SP

Location Loc Qty Loc Code

ST456 54

56763 4

62078 50

D2529 Manufactured No 160 Each 927.0000 8 32



Washer



11/1/10 SP 8

Location Loc Qty Loc Code

ST017 927

64127 927

D3049-1 Manufactured No 160 Each 0.0000 2 8



Bearpaw



B64693 11/1/10 SP (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries



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Tuesday, December 14, 2010 1:10:14 PM

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Work Order ID: 64696

Parent Item: D135-692-011

Parent Item Name: Bearpaw



Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 4.00

Required Qty: 4.00

MS21042L4

Purchased

No

160

Each

4,634.000

8

32



Nut



11/1/7 SP

## Location

## Loc Qty

## Loc Code

ST300

4634

1123143

2

115589

32

115621

1100

116188

3500

QS100-M24S

Purchased

No

160

Each

21.0000

4

16



Clamp



11/1/7 SP (4)

## Location

## Loc Qty

## Loc Code

ST449

21

116169

11

116391

10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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## 32.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D135-692-011 Bearpaw Installation on model EC135 aircraft	11.8 lb 5.36 kg	0.0 in 0.0 m	0.0 lb-kg 0.0 m-kg	199.7 in 5.07 m	2356 in-lb 27.2 m-kg

## 32.4 PARTS LIST

Qty	Part Number	Description
X	D135-692-011	BEARPAW INSTALLATION
4	D2182B060	RUBBER CUSHION
8	D2274	RADIUS BLOCK
2	D3049-1	BEARPAW
8	D2529	WASHER
8	D2519	CLAMP
8	AN4-15A	BOLT
8	AN960JD416	WASHERS
8	MS21042L4	NUT (OR MS21042-4)
4	QS100M24S	CLAMP

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32-00-00